

MALCOLM
PIRNIE

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FILE COPY

POTENTIAL HAZARDOUS WASTE SITE
PRELIMINARY ASSESSMENT

327
NJDA8076944

Murray Hill Parkway Site

254

Site Name

Site ID Number

343 Murray Hill Parkway

E. Rutherford, Bergen Co., NJ

Address

City, State

Date of Off-Site Reconnaissance March 28, 1985

SITE DESCRIPTION

This site is owned by United States Printing Ink and is located in the Hackensack Meadowlands near the intersection of Routes 3 and 17. The company manufactures colored and black inks that have an oil and varnish medium. The building on-site is adjacent to a small ditch which discharges into a tributary of Berry's Creek. An inspection conducted by NJDEP in 1980 noted that the ditch was stained black and sludges had accumulated on the ground near drums on and near the banks of the ditch. A black liquid was found in the stream. In addition, approximately 200 drums were stacked behind the building. Some were located along the ditch and had no covers, making spills likely. Despite the issuance of a Notice of Prosecution by NJDEP in 1981, it is not apparent that the site has been totally or adequately cleaned.

PRIORITY FOR FURTHER ACTION: High ☐ Medium ☒ Low ☐ None ☐

RECOMMENDATIONS

Analysis of materials found on-site (spills, tank contents and in surface waters) showed presence of several aromatic hydrocarbons and heavy metals. Since the present disposition of problems found at this site is not clear, a follow-up on-site inspection is recommended.

246544



Prepared by: Paul Kotlarich

Date: March 26, 1985

Of: Yurasek Associates



POTENTIAL HAZARDOUS WASTE SITE
PRELIMINARY ASSESSMENT
PART 1-SITE INFORMATION AND ASSESSMENT

I. IDENTIFICATION
01 STATE NJ 02 SITE NUMBER 254

II. SITE NAME AND LOCATION

01 SITE NAME (Legal, common, or descriptive name of site) Murray Hill Parkway Site		02 STREET, ROUTE NO., OR SPECIFIC LOCATION IDENTIFIER 343 Murray Hill Parkway			
03 CITY E. Rutherford	04 STATE NJ	05 ZIP CODE 07073	06 COUNTY Bergen	07 COUNTY CODE	08 CONG. DIST.
09 COORDINATES LATITUDE 40 49 24.3 LONGITUDE 74 05 23.5		BLOCK 106A LOT 4C			

10 DIRECTIONS TO SITE (Starting from nearest public road) Route 17 South to Paterson Plank Rd., turn right. Go south to first street on right. Take Murray Hill Parkway to Union Ave. Site is on southeast corner.

III. RESPONSIBLE PARTIES

01 OWNER (if known) United States Printing Ink		02 STREET (Business, mailing, residential) 343 Murray Hill Parkway			
03 CITY E. Rutherford	04 STATE NJ	05 ZIP CODE 07073	06 TELEPHONE NUMBER (201)-9337100		
07 OPERATOR (if known and different from owner) Ronald C. Baker, President		08 STREET (Business, mailing, residential) 343 Murray Hill Parkway			
09 CITY E. Rutherford	10 STATE NJ	11 ZIP CODE 07073	12 TELEPHONE NUMBER (201)-9337100.		
13 TYPE OF OWNERSHIP (Check one) <input checked="" type="checkbox"/> A. PRIVATE <input type="checkbox"/> B. FEDERAL <input type="checkbox"/> C. STATE <input type="checkbox"/> D. COUNTY <input type="checkbox"/> E. MUNICIPAL <input type="checkbox"/> F. OTHER (Specify) <input type="checkbox"/> G. UNKNOWN					

14 OWNER/OPERATOR NOTIFICATION ON FILE (Check all that apply)
☒ A. RCRA 3001 DATE RECEIVED 07/13/82 MONTH DAY YEAR ☐ B. UNCONTROLLED WASTE (CERCLA 103c) DATE RECEIVED: MONTH DAY YEAR ☐ C. NONE

IV. CHARACTERIZATION OF POTENTIAL HAZARD

01 ON SITE INSPECTION <input checked="" type="checkbox"/> YES DATE 07/13/82 MONTH DAY YEAR <input type="checkbox"/> NO		BY (Check all that apply) <input type="checkbox"/> A. EPA <input type="checkbox"/> B. EPA CONTRACTOR <input checked="" type="checkbox"/> C. STATE <input type="checkbox"/> D. OTHER CONTRACTOR <input type="checkbox"/> E. LOCAL HEALTH OFFICIAL <input type="checkbox"/> F. OTHER (Specify)			
CONTRACTOR NAME(S)					

02 SITE STATUS (Check one) <input checked="" type="checkbox"/> A. ACTIVE <input type="checkbox"/> B. INACTIVE <input type="checkbox"/> C. UNKNOWN	03 YEARS OF OPERATION unl. pres BEGINNING YEAR ENDING YEAR	<input type="checkbox"/> UNKNOWN
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04 DESCRIPTION OF SUBSTANCES POSSIBLY PRESENT, KNOWN, OR ALLEGED
Grease and oil, heavy metals, waste inks and ink filter sludge have been found on-site. (Attachment C)

05 DESCRIPTION OF POTENTIAL HAZARD TO ENVIRONMENT AND/OR POPULATION
Spill from drums has entered surface water. A potential exists for contamination of soils and surface water.

V. PRIORITY ASSESSMENT

01 PRIORITY FOR INSPECTION (Check one. If high or medium is checked, complete Part 2 - Waste information and Part 3 - Description of Hazardous Conditions and Incidents)
☐ A. HIGH (Inspection required promptly) ☒ B. MEDIUM (Inspection required) ☐ C. LOW (Inspection on time available basis) ☐ D. NONE (No further action needed, complete current disposition form)

VI. INFORMATION AVAILABLE FROM

01 CONTACT Fred Schmitt	02 OF (Agency/Organization) NJDEP/BEERA	03 TELEPHONE NUMBER (609)-2921215
04 PERSON RESPONSIBLE FOR ASSESSMENT Paul Kotlarich	05 AGENCY Yurasek Ass.	06 ORGANIZATION (201)-3277404
		07 TELEPHONE NUMBER 08 DATE 03/26/85 MONTH DAY YEAR



POTENTIAL HAZARDOUS WASTE SITE
PRELIMINARY ASSESSMENT
PART 2 - WASTE INFORMATION

I. IDENTIFICATION
01 STATE 02 SITE NUMBER
NJ 254

II. WASTE STATES, QUANTITIES, AND CHARACTERISTICS

01 PHYSICAL STATES (Check all that apply)

- ☐ A. SOLID ☐ E. SLURRY
☐ B. POWDER, FINES ☒ F. LIQUID
☒ C. SLUDGE ☐ G. GAS
☐ D. OTHER _____
(Specify)

02 WASTE QUANTITY AT SITE
(Measures of waste quantities
must be independent)

TONS _____
CUBIC YARDS unknown
NO. OF DRUMS _____

03 WASTE CHARACTERISTICS (Check all that apply)

- ☒ A. TOXIC ☐ E. SOLUBLE ☒ I. HIGHLY VOLATILE
☐ B. CORROSIVE ☐ F. INFECTIOUS ☐ J. EXPLOSIVE
☐ C. RADIOACTIVE ☐ G. FLAMMABLE ☐ K. REACTIVE
☐ D. PERSISTENT ☐ H. IGNITABLE ☐ L. INCOMPATIBLE
☐ M. NOT APPLICABLE

III. WASTE TYPE

CATEGORY	SUBSTANCE NAME	01 GROSS AMOUNT	02 UNIT OF MEASURE	03 COMMENTS
SLU	SLUDGE	unknown		Materials from ink
OLW	OILY WASTE	unknown		manufacturing.
SOL	SOLVENTS	unknown		
PSD	PESTICIDES			
OCC	OTHER ORGANIC CHEMICALS			
IOC	INORGANIC CHEMICALS			
ACD	ACIDS			
BAS	BASES			
MES	HEAVY METALS	unknown		

IV. HAZARDOUS SUBSTANCES (See Appendix for most frequently cited CAS Numbers)

01 CATEGORY	02 SUBSTANCE NAME	03 CAS NUMBER	04 STORAGE/DISPOSAL METHOD	05 CONCENTRATION	06 MEASURE OF CONCENTRATION
SOL	Toluene	108-88-3	Storage tank	78	ug/g
MES	Cadmium, total	7440-43-9	Stream	1.5	ug/g
MES	Chromium, total	7440-47-3	Stream	21	ug/g
MES	Lead, total	7439-92-1	Stream	5	ug/g
MES	Arsenic, total	7440-38-2	Stream	1.3	ug/g
MES	Nickel, total	7440-02-0	Stream	7.5	ug/g
OLW	Oil and Grease	999	Tank and Stream	2.5-53	ug/g
SOL	Light Paraffinic				
	Distillate	64741-50-0	Solvent Carrier		
SOL	Heavy Naphthenic				
	Distillate	64741-53-3	Solvent Carrier		
	Attachments C,D,G,L				

V. FEEDSTOCKS (See Appendix for CAS Numbers)

CATEGORY	01 FEEDSTOCK NAME	02 CAS NUMBER	CATEGORY	01 FEEDSTOCK NAME	02 CAS NUMBER
FDS			FDS		
FDS			FDS		
FDS			FDS		
FDS			FDS		

VI. SOURCES OF INFORMATION (Cite specific references, e.g. state files, sample analysis, reports)

NJDEP/DWM files: Attachments A,C,D,G,H,L



POTENTIAL HAZARDOUS WASTE SITE
PRELIMINARY ASSESSMENT

PART 3 - DESCRIPTION OF HAZARDOUS CONDITIONS AND INCIDENTS

I. IDENTIFICATION

01 STATE: NJ 02 SITE NUMBER: 254

II. HAZARDOUS CONDITIONS AND INCIDENTS

01 <input checked="" type="checkbox"/> A. GROUNDWATER CONTAMINATION	02 <input type="checkbox"/> OBSERVED (DATE: _____) <input checked="" type="checkbox"/> POTENTIAL <input type="checkbox"/> ALLEGED
03 POPULATION POTENTIALLY AFFECTED: _____ 04 NARRATIVE DESCRIPTION Spills of waste materials to soils have been documented. Potential exists for leaching of contaminants to ground water. (Attachments A, I)	
01 <input checked="" type="checkbox"/> B. SURFACE WATER CONTAMINATION	02 <input checked="" type="checkbox"/> OBSERVED (DATE: 11/11/80) <input type="checkbox"/> POTENTIAL <input type="checkbox"/> ALLEGED
03 POPULATION POTENTIALLY AFFECTED: _____ 04 NARRATIVE DESCRIPTION Black liquid was observed in a stream adjacent to the site, and vegetation in a dry ditch was stained black. (Attachments A, I)	
01 <input type="checkbox"/> C. CONTAMINATION OF AIR	02 <input type="checkbox"/> OBSERVED (DATE: _____) <input type="checkbox"/> POTENTIAL <input type="checkbox"/> ALLEGED
03 POPULATION POTENTIALLY AFFECTED: _____ 04 NARRATIVE DESCRIPTION	
01 <input type="checkbox"/> D. FIRE/EXPLOSIVE CONDITIONS	02 <input type="checkbox"/> OBSERVED (DATE: _____) <input type="checkbox"/> POTENTIAL <input type="checkbox"/> ALLEGED
03 POPULATION POTENTIALLY AFFECTED: _____ 04 NARRATIVE DESCRIPTION	
01 <input checked="" type="checkbox"/> E. DIRECT CONTACT	02 <input type="checkbox"/> OBSERVED (DATE: _____) <input checked="" type="checkbox"/> POTENTIAL <input type="checkbox"/> ALLEGED
03 POPULATION POTENTIALLY AFFECTED: _____ 04 NARRATIVE DESCRIPTION A potential exists for direct contact with contaminated material due to presence of sludge on the ground. (Attachments A, I)	
01 <input checked="" type="checkbox"/> F. CONTAMINATION OF SOIL	02 <input checked="" type="checkbox"/> OBSERVED (DATE: 11/11/80) <input type="checkbox"/> POTENTIAL <input type="checkbox"/> ALLEGED
03 AREA POTENTIALLY AFFECTED: _____ 04 NARRATIVE DESCRIPTION Spilled material was noted on ground behind the building. During an inspection by NJDEP conducted on 7/13/82, material still had not been cleaned up. (Attachments A, I)	
01 <input type="checkbox"/> G. DRINKING WATER CONTAMINATION	02 <input type="checkbox"/> OBSERVED (DATE: _____) <input type="checkbox"/> POTENTIAL <input type="checkbox"/> ALLEGED
03 POPULATION POTENTIALLY AFFECTED: _____ 04 NARRATIVE DESCRIPTION	
01 <input checked="" type="checkbox"/> H. WORKER EXPOSURE/INJURY	02 <input type="checkbox"/> OBSERVED (DATE: _____) <input checked="" type="checkbox"/> POTENTIAL <input type="checkbox"/> ALLEGED
03 WORKERS POTENTIALLY AFFECTED: _____ 04 NARRATIVE DESCRIPTION Potential exists for worker exposure due to waste materials found on the ground uncontained. (Attachments A, I, L, M)	
01 <input checked="" type="checkbox"/> I. POPULATION EXPOSURE/INJURY	02 <input type="checkbox"/> OBSERVED (DATE: _____) <input checked="" type="checkbox"/> POTENTIAL <input type="checkbox"/> ALLEGED
03 POPULATION POTENTIALLY AFFECTED: _____ 04 NARRATIVE DESCRIPTION Potential exists for direct contact with contaminated material due to presence of sludge on the ground. (Attachments A, I, L, M)	



POTENTIAL HAZARDOUS WASTE SITE
PRELIMINARY ASSESSMENT

PART 3-DESCRIPTION OF HAZARDOUS CONDITIONS AND INCIDENTS

I. IDENTIFICATION
01 STATE NJ 02 SITE NUMBER 254

II. HAZARDOUS CONDITIONS AND INCIDENTS (Continued)

01 ☒ J. DAMAGE TO FLORA

02 ☒ OBSERVED (DATE: 11/11/80)

☐ POTENTIAL

☐ ALLEGED

04 NARRATIVE DESCRIPTION:

Vegetation in an adjacent ditch was found to be stained black during an NJDEP inspection. (Attachment A)

01 ☐ K. DAMAGE TO FAUNA

02 ☐ OBSERVED (DATE:)

☐ POTENTIAL

☐ ALLEGED

04 NARRATIVE DESCRIPTION (Include name(s) of species)

01 ☐ L. CONTAMINATION OF FOOD CHAIN

02 ☐ OBSERVED (DATE:)

☐ POTENTIAL

☐ ALLEGED

04 NARRATIVE DESCRIPTION

01 ☒ M. UNSTABLE CONTAINMENT OF WASTES
(Spills/runoff/standing liquids/leaking drums)

02 ☒ OBSERVED (DATE: 11/11/80)

☐ POTENTIAL

☐ ALLEGED

03 POPULATION POTENTIALLY AFFECTED:

04 NARRATIVE DESCRIPTION

Spilled material was noted on ground and drums were observed in poor condition, many lacking lids. (Attachments A,I)

01 ☒ N. DAMAGE TO OFFSITE PROPERTY

02 ☒ OBSERVED (DATE: 11/11/80)

☐ POTENTIAL

☐ ALLEGED

04 NARRATIVE DESCRIPTION

Black liquid was observed in a tributary to Berry's Creek adjacent to the site. (Attachment A)

01 ☐ O. CONTAMINATION OF SEWERS, STORM DRAINS, WWTPs

02 ☐ OBSERVED (DATE:)

☐ POTENTIAL

☐ ALLEGED

04 NARRATIVE DESCRIPTION

01 ☒ P. ILLEGAL/UNAUTHORIZED DUMPING

02 ☒ OBSERVED (DATE: 11/11/80)

☐ POTENTIAL

☐ ALLEGED

04 NARRATIVE DESCRIPTION

On April 23, 1981, NJDEP issued a Notice of Prosecution for unpermitted disposal of solid waste. (Attachment E)

05 DESCRIPTION OF ANY OTHER KNOWN, POTENTIAL, OR ALLEGED HAZARDS

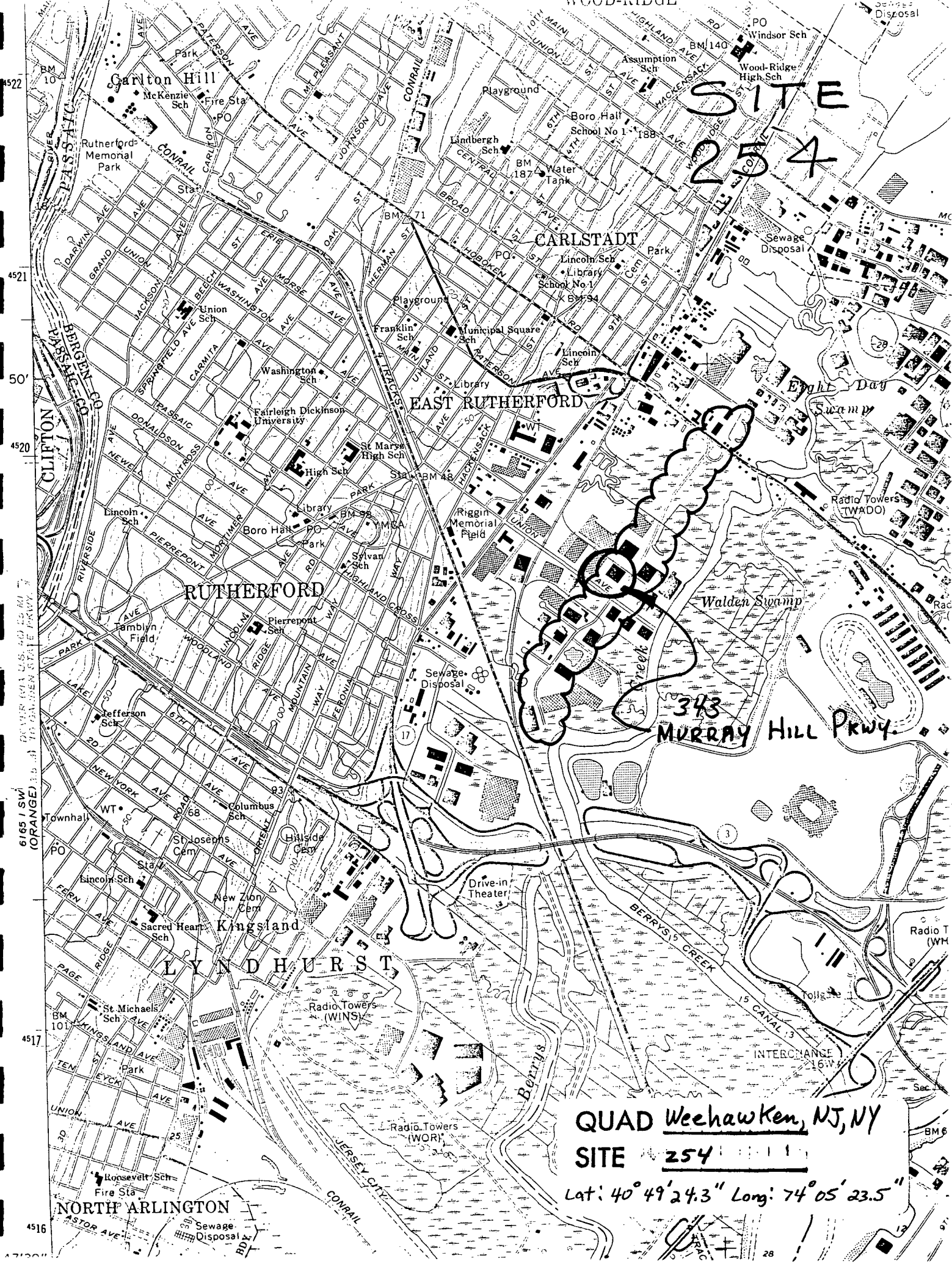
III. TOTAL POPULATION POTENTIALLY AFFECTED:

IV. COMMENTS

Wastes are currently shipped off-site. However, present disposition of observed problems is unclear. (Attachment J)

V. SOURCES OF INFORMATION (Cite specific references, e.g. state files, sample analysis, reports)

NJDEP/DWM, HSMA files: Attachments A-M



SITE
254

343
MURRAY HILL PKWY.

QUAD Weehawken, NJ, NY
SITE 254

Lat: 40° 49' 24.3" Long: 74° 05' 23.5"

Recommendations

Confidential

11-11-80

Investigation of USPI, E. Ruthford, indicated several environmental problems. It is highly recommended that USPI be issued a Notice of Prosecution for violation of NJAC 7:26-2.2.2(b) and 2.2.2(c) for disposing solid waste (landfill) and hazardous waste (accumulated sludges, spill into creek) without filing a registration statement to the Bureau and without first obtaining Department approval of the registration statement.

A NOP should also be issued to USPI for violation of NJAC 7:26-7.4(a) for not completing a special waste manifest for the shipment of waste ink off site. A NOP should be issued to Ned's Waste Oil, Newton, NJ for violation of NJAC 7:26-7.5(a) for hauling special waste without a manifest.

It is also recommended that a letter be sent to USPI from the Bureau stating that 1) clean up should start immediately (excavation of soil and gravel), 2) a list of constituents of their ink be sent to the Bureau immediately, 3) improvement of the drum storage area, preferably a diked cement pad with a sump and cementing of the storage lot, be enacted. (I spoke with the building inspector of the Meadowlands Development Commission and he stated that this would be permitted), 4) a fence should be placed around the storage lot. Any material that comes in contact with ink should not be disposed of with domestic waste (i.e. drums containing ink resin in roll off). A follow up investigation within 4 months should be enacted.

Alphonse Iannuzzi
Alphonse Iannuzzi

ATTACHMENT

A-1

HAZARDOUS WASTE INVESTIGATION

Inspector: Alphonse Iannuzzi Date: 10/31 and 11/11/80

Location: United States Printing Ink

St: 343 Murray Hill Parkway

Town: East Rutherford

County: Bergen

Lot: 4C

Block: 106A

Origin of Complaint:

Complaint: Investigate waste storage, disposal practices, ^{mixing} mining of waste for use as fuel supplement.

Findings:

On the above dates I investigated US Printing Ink (USPI) at the above address. Information was supplied mainly by Mr. Hawn, Production Manager. Contact was made with Mr. Edelman, Vice President of operations, and Mr. Leiner, Chief Engineer. USPI is a division of Mill Master Onyx and is affiliated with Gulf Oil Co.

USPI manufactures colored and black inks that have an oil and varnish medium. Pigments are mixed into the medium at the plant in mixing pots and roller mills (air pollution permits for mills and storage tanks are attached). A large part of their business is the production of newspaper ink called carbon black (approximately 60% oil). USPI occasionally handles inks that contain heavy metals. All mixing and preparing of inks is done inside the building. Product is sold in containers ranging from 5 gallon pails to bulk trucks (they own several tank trucks). USPI has a NPDES permit for discharging into Berry's Creek for non contact roller mill cooling water. This permit and a NJDEP water resources report concerning this discharge is attached.

Inside the process building is a pot cleaner used to wash out mixing containers. Mr. Hawn stated that the wash water is being collected in drums that are stored outside in the yard. In the back lot there is a large garbage compactor used for domestic waste. The roll off that contains this waste is owned by Zeppetelli Inc., Moonachie, NJ. Several small drums containing ink resin were noted in this roll off. Mr. Hawn was told that he would have to wash out all resin prior to disposal. He did not believe that he was subject to washing out the drums and declined to do so.

Also in the back lot there was approximately 200 drums of ink that Mr. Hawn said would be reworked. They were stacked 3 high and were located on a permeable surface. The housekeeping in this area was very poor. Many drums were in poor condition and were lacking tops. Precipitation could easily cause the material to overflow into a near by stream. Accumulated sludges were noted on the ground and on the drums. Directly behind the drum storage area was a dry stream bed. The vegetation inside the stream was stained black. Drums are

stored right on the stream bank. Black sludge accumulation was noted on and next to the stream bank. This material was most likely generated from a drum. The lowest point of this stream contained a black liquid. A drainage pipe from this stream emptied into a larger stream that is a tributary to Berry's Creek. This stream contained a 6'x4' area of black liquid similar to black ink. It was contained by two screens and some absorbant. Mr. Hawn stated that the stream is periodically cleaned and the material is disposed of with domestic waste. Two waste ink tanks in the yard were noted. Mr. Hawn stated that this ink is hauled by Ned's Waste Oil, PO Box 375, Newton, NJ (201-383-2459). No special waste manifest was used for the shipping and disposal of this waste. Mr. Hawn was informed that this material must be accompanied with a special waste manifest and should be hauled by a registered special waste hauler to a registered facility. He was given a list of state approved facilities and a manifest.

Split samples were taken of the 1) stream with black material (A0333 & B0333), 2) composite sample of small stream with black liquid and black sludge next to stream (A0334 & B0334), 3) black ink from storage tank inside building (A0335 & B0335), and 4) a control sample of stream not containing any black liquid approximately 10 yards down stream from the second screen (A0336 & B0336).

A small landfill in the marshes on USPI's property was noted. It consisted of large blocks of cement, paper and other domestic waste. Mr. Hawn stated that he did not know who dumped this material. Some tank trailers owned by USPI were noted north of this landfill. Some ink was spilled from one of the trailers. Only the north side of the facility contained a fence.

Mr. Hawn indicated that USPI has a warehouse in Carlstadt that will be closed down at the end of the year (1980). Waste ink is not burned as a fuel supplement since the boiler runs on gas. USPI did not think that the ink they handle is a hazardous material. I asked Mr. Edelman to send a list of the constituents in of all their inks, he declined to do so because he considered this proprietary information.

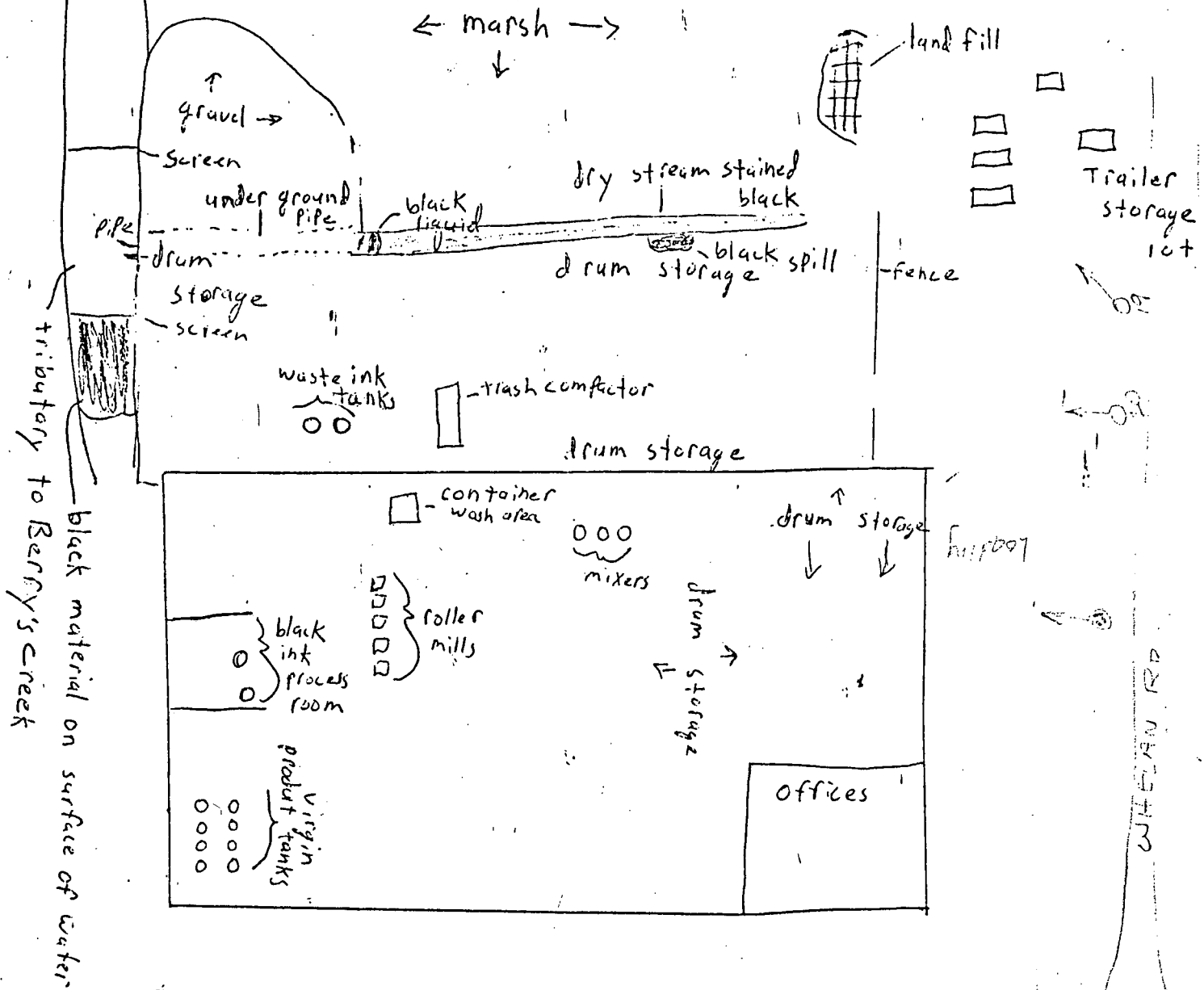
USPI has a quality control lab. They were compiling a drum of waste solvent. Mr. Hawn stated that this material is used to clean up spills inside of the building by placing it on rags.

Mr. Hawn was instructed to clean up any spills or accumulated sludge-material immediately, not to dispose drums or any material that has contacted ink as domestic waste and to improve the drum storage area on 10/31/80. A return visit to USPI on 11/11/80 indicated very little change in conditions.

Alphonse Iannuzzi Jr.
Alphonse Iannuzzi Jr.

cc: Moxon Tan, Supervisor of Field Operations,
Passaic-Hackensack Basin Water Pollution Control.
Meadowlands Development Commission, Building Inspector.
NJDEP Water Resources, Region II.

ATTACHMENT **A-3**



Rail Road
tracks

tributary to Berry's Creek
black material on surface of water

Murry Hill prk. way

ATTACHED
A-4



STATE OF NEW JERSEY
DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF ENVIRONMENTAL QUALITY
JOHN FITCH PLAZA, CN 027, TRENTON, N.J. 08625
SOLID WASTE ADMINISTRATION

1-19-81

File 2-18

NOTICE OF PROSECUTION

TO: United States Printing Ink
Ronald C. Baker, President
343 Murry Hill Parkway
East Rutherford, New Jersey

Violation Occurred on
Premises Known As:

343 Murry Hill Parkway
Lot 4C Block 106C
East Rutherford Boro,
Bergen County, New Jersey

Investigations by this Department on October 31 and November 11, 1980 disclosed violations of New Jersey Administrative Code 7:26-2.2(b) and 2.2(c). The maximum penalty that may be levied for each violation is \$25,000 per day.

Prosecution is being withheld until May 23, 1981 for settlement of a claim against you in the amount of \$10,000. Should you desire to settle your claim, payment must be made on or before this date by money order or check drawn to the order of Treasurer, State of New Jersey.

N.J.A.C. 7:26-2.2(b) (\$5,000) - The investigation disclosed that you engaged in the disposal of solid waste on the above mentioned premises without first having obtained an approved registration statement from the Department.

N.J.A.C. 7:26-2.2(c) (\$5,000) - The investigation disclosed that you engaged in the disposal of solid waste on the above mentioned premises without first having submitted an Engineering Design and obtained Departmental approval of said design from the Department.

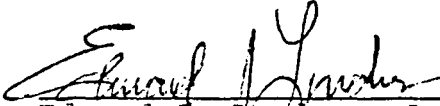
FURTHERMORE, YOU ARE HEREBY ORDERED TO:

1. Immediately cease all waste storage, processing and disposal activities.

2. Within 14 days of receipt of this Notice, submit the following information to the Solid Waste Administration:
 - a. Total number of containers, volumes and contents on-site;
 - b. Identify any other chemical materials on-site;
 - c. Identify any materials which have leaked or spilled from drums or other containers;
 - d. Schedule to excavate and remove all chemical waste from the site to an authorized special waste facility within 30 days of receipt of this Notice.
3. Within 30 days of receipt of this Notice:
 - a. Excavate and remove all chemical waste from the above captioned property to an authorized special waste facility;
 - b. Excavate and remove all chemical materials which have leaked or spilled from containers of materials stored at the above location;
 - c. Repackage any container which fails to hold its contents so as to prevent any spillage.
4. All containers are to be properly labeled and all shipments of chemical waste materials are to be accompanied by the appropriately completed special waste manifest; and
5. All shipments of waste materials must be hauled by a properly registered collector/hauler.
6. Notify the Solid Waste Administration within 24 hours before any specific time of any shipments.

Failure to comply with all of the requirements of this Notice of Prosecution and/or failure to make timely payment of penalties identified above, will precipitate immediate referral of this matter to the Office of the Attorney General to seek maximum penalties allowed by law.

Dated April 23, 1981


Edward J. Londres, Assistant Director
Enforcement Branch

CERTIFIED MAIL

FURTHERMORE, YOU ARE HEREBY ORDERED TO:

1. Immediately cease all waste storage, processing and disposal activities.
2. Within 14 days of receipt of this Notice, submit the following information to the Solid Waste Administration:
 - a. Total number of containers, volumes and contents on-site;
 - b. Identify any other chemical materials on-site;
 - c. Identify any materials which have leaked or spilled from drums or other containers;
 - d. Schedule to excavate and remove all chemical waste from the site to an authorized special waste facility within 30 days of receipt of this Notice.
3. Within 30 days of receipt of this Notice:
 - a. Excavate and remove all chemical waste from the above captioned property to an authorized special waste facility;
 - b. Excavate and remove all chemical materials which have leaked or spilled from containers of materials stored at the above location;
 - c. Repackage any container which fails to hold its contents so as to prevent any spillage.
4. All containers are to be properly labeled and all shipments of chemical waste materials are to be accompanied by the appropriately completed special waste manifest; and
5. All shipments of waste materials must be hauled by a properly registered collector/hauler.
6. Notify the Solid Waste Administration within 24 hours before any specific time of any shipments.

Failure to comply with all of the requirements of this Notice of Prosecution and/or failure to make timely payment of penalties identified above, will precipitate immediate referral of this matter to the Office of the Attorney General to seek maximum penalties allowed by law.

Dated _____

Edward J. Londres, Assistant Director
Enforcement Branch

CERTIFIED MAIL

ATTACHMENT **B-3**

PRIORITY

2

BUREAU OF HAZARDOUS WASTE

ENFORCEMENT REFERRAL FOR
ADMINISTRATION ACTIONReferral # 02-18-1Date 1-14-81HW/EF File # 02-18

1. Case Name: United States Printing Ink. Comp.
2. Type Action Requested: Notice of Prosecution

3. Requested Requirements:

- A. Penalty \$10,000
- B. Cease & Desist Immediate
- C. Clean-Up & Removal 14 & 30
- D. Other Notify Water Resources, OHSC, Keith Onsdorf for possible joint action.

4. Necessary Information

- A. To be Issued to: United States Printing Ink
343 Murry Hill Parkway
East Rutherford

Ronald C. Baker, pres.

BUREAU OF HAZARDOUS WASTE REFERRAL	
To:	<u>J. Skovick</u>
From:	<u>RTZ</u>
No:	<u>02-18-1</u>
Priority:	<u>2</u>

B. Registered Agent:

- C. Location of Violation: Block 106C Lot 4C
Municipality E. Rutherford
County Bergen

Date of
Violation → 10/31 & 11/11/80

- D. Code (s) cited: 7:26-2.2(B) - (\$5,000) - United States Printing engaged in disposal of solid waste without having first obtained an approved registration statement from the department.
7:26-2.2(C) - (\$5,000) - United States Printing engaged in disposal of solid waste without having first submitted an engineering design and obtained approval of some form from the department.

TC
Ron Corcory

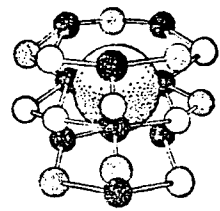
ATTACHMENT 4

4-14-81
2-20-81
B

Hw/EE 2-18

Stablex-Reutter Inc.

The Reutter Building, Ninth and Cooper Streets
Camden, New Jersey 08101
Telephone: 609 - 541-6700 TWX: 7108910547



6-6-81

February 6, 1981

NJDEP
Solid Waste Division
32 Hanover Street
Trenton, NJ 08625

Attention: Mr. David Schrier, Hazardous Waste Bureau

Reference: Test Report No. S-1301

This report covers the analysis of ten (10) waste samples submitted to Stablex-Reutter, Inc. (SRI) on January 7, 1981. The analysis adhered to procedures as described in the following publications.

- Standard Methods for the Examination of Water and Wastewater, 14th Edition
- U.S.E.P.A. Methods for Organochlorine Pesticides and Chlorophenoxy Acid Herbicides in Drinking Water and Raw Source Water, July, 1978
- U.S.E.P.A. Analysis of Trihalomethanes in Finished Waters by the Purge and Trap Method, September, 1977

The parameters analyzed and results are delineated in the attached tables. All results are in micrograms of constituent per gram of sample. If you have any questions concerning this analysis, please don't hesitate to contact me.

10309-71 19-14
10333-336 2-16
373 4-30
377 12-30
365 3-12

Respectfully submitted,

STABLEX-REUTTER, INC.

William J. Ziegler
William J. Ziegler
Laboratory Manager

WJZ:dp
Att.

ATTACHMENT

Stablex-Reutter Inc.

NJDEP
Solid Waste Division
Test Report No. S-1301
February 6, 1981

Aromatic Hydrocarbon Screen

Sample and Designation

<u>Constituent</u>	<u>S1301-3</u> <u>A0333</u>	<i>Stream w/ black mat'l</i>
Benzene	<50	
Toluene	<50	
Xylenes, total	<50	
Ethylbenzene	<50	

Volatile Chlorinated Hydrocarbon Screen

Sample and Designation

<u>Constituent</u>	<u>S1301-3</u> <u>A0333</u>
Methylene Chloride	<1
Chloroform	<1
Carbon Tetrachloride	<1
Dibromochloromethane	<10
Bromodichloromethane	<10
1,1,1 Trichloroethane	<1
1,1,2 Trichloroethane	<1
Trichloroethylene	<1
Tetrachloroethylene	<1
1,2 Dichloroethane	<1

All results are in micrograms of constituent per gram of sample.

ATTACHMENT

12

Stablex-Reutter Inc.

NJDEP
Solid Waste Division
Test Report No. S-1301
February 6, 1981

Chlorinated Pesticide and PCB* Screen

Sample and Designation

<u>Constituent</u>	<u>S1301-3</u> <u>A0333</u>
Aldrin	<1
Chlordane	<1
Endrin	<1
Lindane	<1
DDD, total	<1
DDE, total	<1
DDT, total	<1
Methoxychlor	<1
Toxaphene	<5
PCB's*, total as Arochlor 1254	<5

* Polychlorinated Biphenyls

Metals Analysis

Sample and Designation

<u>Constituent</u>	<u>S1301-3</u> <u>A0333</u>
Arsenic, total	<0.2
Beryllium, total	<0.5
Cadmium, total	1.5
Chromium, total	21
Lead, total	<2.5
Mercury, total	<0.2
Selenium, total	<0.2
Nickel, total	<2.5

All results are in micrograms of constituent per gram of sample.

ATTACHMENT c 43

Stablex-Reutter Inc.

NJDEP
Solid Waste Division
Test Report No. S-1301
February 6, 1981

Aromatic Hydrocarbon Screen

Sample and Designation

<u>Constituent</u>	<u>S1301 -4</u> <u>A0334</u>
Benzene	<50
Toluene	<50
Xylenes, total	<50
Ethylbenzene	<50

*small stream with black
liquid and black sludge
next to stream*

Volatile Chlorinated Hydrocarbon Screen

Sample and Designation

<u>Constituent</u>	<u>S1301 -4</u> <u>A0334</u>
Methylene Chloride	<1
Chloroform	<1
Carbon Tetrachloride	<1
Dibromochloromethane	<10
Bromodichloromethane	<10
1,1,1 Trichloroethane	<1
1,1,2 Trichloroethane	<1
Trichloroethylene	<1
Tetrachloroethylene	<1
1,2 Dichloroethane	<1

All results are in micrograms of constituent per gram of sample.

ATTACHMENT

C-4

Stablex-Reutter Inc.

NJDEP
Solid Waste Division
Test Report No. S-1301
February 6, 1981

Chlorinated Pesticide and PCB* Screen

Sample and Designation

<u>Constituent</u>	<u>S1301 -4</u> <u>A0334</u>
Aldrin	<1
Chlordane	<1
Endrin	<1
Lindane	<1
DDD, total	<1
DDE, total	<1
DDT, total	<1
Methoxychlor	<1
Toxaphene	<5
PCB's*, total as Arochlor 1254	<5

* Polychlorinated Biphenyls

Metals Analysis

Sample and Designation

<u>Constituent</u>	<u>S1301 -4</u> <u>A0334</u>
Arsenic, total	1.3
Beryllium, total	<0.5
Cadmium, total	7.0
Chromium, total	28
Lead, total	5.0
Mercury, total	<0.2
Selenium, total	<0.2
Nickel, total	<2.5

All results are in micrograms of constituent per gram of sample.

ATTACHMENT

C-5

Stablex-Reutter Inc.

NJDEP
Solid Waste Division
Test Report No. S-1301
February 6, 1981

Aromatic Hydrocarbon Screen

Sample and Designation

<u>Constituent</u>	<u>S1301 -5</u> <u>A0335</u>
Benzene	<50
Toluene	<u>78</u>
Xylenes, total	<50
Ethylbenzene	<50

*black ink from
storage tank inside
building*

Volatile Chlorinated Hydrocarbon Screen

Sample and Designation

<u>Constituent</u>	<u>S1301 -5</u> <u>A0335</u>
Methylene Chloride	<1
Chloroform	<1
Carbon Tetrachloride	<1
Dibromochloromethane	<10
Bromodichloromethane	<10
1,1,1 Trichloroethane	<1
1,1,2 Trichloroethane	<1
Trichloroethylene	<1
Tetrachloroethylene	<1
1,2 Dichloroethane	<1

All results are in micrograms of constituent per gram of sample.

C-6
ATTACHMENT

Stablex-Reutter Inc.

NJDEP
Solid Waste Division
Test Report No. S-1301
February 6, 1981

Chlorinated Pesticide and PCB* Screen

Sample and Designation

<u>Constituent</u>	<u>S1301-5</u> <u>A0335</u>
Aldrin	<
Chlordane	<
Endrin	<
Lindane	<
DDD, total	<
DDE, total	<
DDT, total	<
Methoxychlor	<
Toxaphene	<
PCB's*, total as Arochlor 1254	<

* Polychlorinated Biphenyls

Metals Analysis

Sample and Designation

<u>Constituent</u>	<u>S1301-5</u> <u>A0335</u>
Arsenic, total	1.4
Beryllium, total	<0.5
Cadmium, total	3.0
Chromium, total	8.9
Lead, total	9.1
Mercury, total	<0.2
Selenium, total	<0.2
Nickel, total	<2.5

All results are in micrograms of constituent per gram of sample.

ATTACHMENT

C-7

Stablex-Reutter Inc.

NJDEP
Solid Waste Division
Test Report No. S-1301
February 6, 1981

Aromatic Hydrocarbon Screen

Sample and Designation

<u>Constituent</u>	<u>S1301 -6</u> <u>A0336</u>
Benzene	<50
Toluene	<50
Xylenes, total	<50
Ethylbenzene	<50

*control sample with
no black liquid*

Volatile Chlorinated Hydrocarbon Screen

Sample and Designation

<u>Constituent</u>	<u>S1301 -6</u> <u>A0336</u>
Methylene Chloride	<1
Chloroform	<1
Carbon Tetrachloride	<1
Dibromochloromethane	<10
Bromodichloromethane	<10
1,1,1 Trichloroethane	<1
1,1,2 Trichloroethane	<1
Trichloroethylene	<1
Tetrachloroethylene	<1
1,2 Dichloroethane	<1

All results are in micrograms of constituent per gram of sample.

ATTACHMENT *c-8*

Stablex-Reutter Inc.

NJDEP
Solid Waste Division
Test Report No. S-1301
February 6, 1981

Chlorinated Pesticide and PCB* Screen

Sample and Designation

<u>Constituent</u>	<u>S1301 -6</u> <u>A0336</u>
Aldrin	<1
Chlordane	<1
Endrin	<1
Lindane	<1
DDD, total	<1
DDE, total	<1
DDT, total	<1
Methoxychlor	<1
Toxaphene	<5
PCB's*, total as Arochlor 1254	<5

* Polychlorinated Biphenyls

Metals Analysis

Sample and Designation

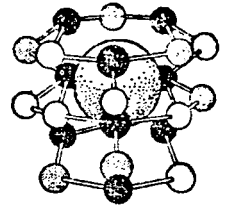
<u>Constituent</u>	<u>S1301 -6</u> <u>A0336</u>
Arsenic, total	<0.2
Beryllium, total	<0.5
Cadmium, total	1.0
Chromium, total	<2.5
Lead, total	<2.5
Mercury, total	<0.2
Selenium, total	<0.2
Nickel, total	7.5

All results are in micrograms of constituent per gram of sample.

c-9
ATTACHMENT

Stablex-Reutter Inc.

The Reutter Building, Ninth and Cooper Streets
Camden, New Jersey 08101
Telephone: 609 - 541-6700 TWX: 7108910547



May 8, 1981

NJDEP
Solid Waste Division
32 Hanover Street
Trenton, NJ 08625

Attention: Mr. Wayne Howitz, Hazardous Waste Bureau

Reference: Test Report No. S-1301A, Priority Analysis

This report covers the Supplemental analysis of four (4) waste samples previously submitted to Stablex-Reutter, Inc. (SRI) on January 7, 1981. The analysis adhered to procedures as described in the following publications.

- Standard Methods for the Examination of Water and Wastewater, 14th Edition.

The parameters analyzed and results are delineated in the attached tables. All results are in micrograms of constituent per gram of sample. If you have any questions concerning this analysis, please don't hesitate to contact me.

Respectfully submitted,

STABLEX-REUTTER, INC.

William J. Ziegler
William J. Ziegler
Laboratory Manager

WJZ/bd
Att.

ATTACHMENT

Stablex-Reutter Inc.

NJDEP

Solid Waste Division

Test Report No. S-1301

May 8, 1981

Sample and Designation

<u>Constituent</u>	<u>S1301-3 A0333</u>	<u>S1301-4 A0334</u>	<u>S1301-5 A0335</u>	<u>S1301-6 A0336</u>
<u>Oil & Grease</u>	<u>7,600 ug/grams</u>	<u>53,000 ug/grams</u>	61.2%	2,500 ug/grams

ATTACHMENT

01-2



State of New Jersey

DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF ENVIRONMENTAL QUALITY
JOHN FITCH PLAZA, CN027, TRENTON, N.J. 08625

JACK STANTON
DIRECTOR

August 12, 1981

Solid Waste

File 2-18

8-12-81

Mr. Herbert Edelman
Vice President
United States Printing Ink
343 Murray Hill Parkway
East Rutherford, New Jersey 07073

Reference: N.J.A.C. 7:26-2.2(b) & 7:26-2.2(c)
Order and Notice of Prosecution dated April 23, 1981

Dear Mr. Edelman:

Our Department has received the analysis of two samples taken at your facility. The samples indicate the presence of 7,600 mg/l of grease and oil on one sample and 53,000 mg/l of grease and oil on the second sample. Based on this analysis, we have determined that the material stored on your facility is hazardous.

Therefore, the referenced Order and Notice of Prosecution will remain in effect and the \$10,000 amount offered as settlement must be paid. Due to the delays caused by our exchange of correspondence, the settlement date of the Notice of Prosecution is extended to August 28, 1981.

Should you have further questions in this matter, please call me at (609) 984-0490.

Sincerely,

John H. Skoviak
John H. Skoviak
Enforcement Manager

JHS/ajm

cc: Dave Volz
Greg Pikul

ATTACHMENT

E

[Handwritten signature]



United States Printing Ink

343 Murray Hill Parkway, E. Rutherford, N.J. 07073 • 201 933-7100 • N.Y. LO 8-1221

02-10
9-9-81

CONFIDENTIAL

September 9, 1981

NEW YORK
SAN FRANCISCO
LOS ANGELES
CINCINNATI
JACKSONVILLE
DALLAS

Mr. John H. Skoviak, Enforcement Manager
State of New Jersey
Department of Environmental Protection
Division of Environmental Quality
John Fitch Plaza, CN 027
Trenton, New Jersey 08625

Reference: N.J.A.C. 7:26-2.2(b) & 7:26-2.2(c)
Order and Notice of Prosecution Dated 4/23/81

Dear Mr. Skoviak:

We thank you very much for arranging the meeting that was held in your office on August 25, 1981. I firmly believe that this meeting allowed us as responsible Management of Millmaster Onyx and United States Printing Ink to view our Notice of Prosecution with a better understanding of the objectives of your Bureau.

Our position on the Notice remains the same in regard to our understandings of what constitutes hazardous and nonhazardous materials, and we view our solid waste as a nonhazardous material.

You asked us specifically to respond to your N.O.P. by line item and this is the intent of this letter. I believe that you will agree, after reading of our major effort, that we have acted responsibly within the spirit of the law.

General Comments Regarding Your Orders

You advised us on April 28th that we could continue to dispose of our waste under a proper manifesting program.

Item #1

"Immediately cease all waste storage, processing and disposal activities."

As of this date, we do not have any solid waste on our property which has been stored for more than 6 months.

F-1
ATTACHMENT

Item #2

"Within 14 days of receipt of this Notice, submit the following information to the Solid Waste Administration."

a. Total number of containers, volumes and contents on-site:

The total number of containers and volumes on our site as of this date is as follows -- None.

All waste will be removed in less than 6 months.

7
SEE
2-B
✓

b. Identify any other chemical materials on-site:

Other than the black ink waste, which we do not recognize as hazardous, we have on site as a generator the following:

EPA Identification Nos. K086-LEAD, HEAVY METAL CHROMIUM
D005-BARIUM
D007 CHROMIUM
D008 LEAD

These are properly identified, labeled, and are in good containers. Our intention is to dispose of these off-site with proper manifesting.

c. Identify any materials which have leaked or spilled from drums or other containers

We feel that any materials that might have spilled are nonhazardous and fall within our general analysis grouping. Precautions were taken to dike the stream area for spill prevention. It is our feeling that this area is totally controlled.

-?

d. Schedule to excavate and remove all chemical waste from the site to an authorized special waste facility within 30 days of receipt of this Notice

We do not dispose of material on-site and therefore (d) does not apply.

MUST ANSWER QUESTION
FOR WST ON-SITE.

ATTACHMENT

F-2

THEY ADMIT
SPILLS IN
3-B
FAILED TO
IDENTIFY

Item #3

"Within 30 days of receipt of this Notice:"

- a. Excavate and remove all chemical waste from the above-captioned property to an authorized special waste facility:

We do not have any chemical waste to dispose of on-site.

- b. Excavate and remove all chemical materials which have leaked or spilled from containers of materials stored at the above location:

The entire storage area has been removed of all drums which were given to a permitted transporter and it is our understanding that these materials were used for fuel value. We have scraped and cleaned up the area where these drums were stored. Crushed rock will be applied in this area.

We do not believe that any of the material that spilled represents an environmental hazard of any kind. Future storage will be on an impermeable surface to facilitate containment of spills.

- c. Repackage any container which fails to hold its contents so as to prevent any spillage:

There are no leaking containers on-site at this writing.

Item #4

"All containers are to be properly labeled and all shipments of chemical waste materials are to be accompanied by the appropriately completed special waste manifest:"

All waste is being identified as to that which is hazardous and nonhazardous waste. Any material that can be reused is returned to our batch operations for reworking. Any containers of these materials are identified with labels.

F-3
ATTACHMENT

Item #5

"All shipments of waste materials must be hauled by a properly registered collector/hauler:"

All identified hazardous waste is properly labeled and will be removed from our property on a regular basis with proper manifesting through a registered transporter to an approved special waste facility.

Item #6

"Notify the Solid Waste Administration within 24 hours before any specific time of any shipments:"

We recognize this request as an unusual burden on our facility. Since we have been, under your direction and advice, removing our nonhazardous waste on a regular manifested basis, we feel this comes within the spirit of your order.

Mr. George Smadja requested of us certain analytical procedures to be carried out, namely, the following:

1. Complete E.P. toxicity testing for all 8 metals on a composite sample of our waste.
2. Identification of our solvent carrier.
3. Identification of pigments used.

These tests will be conducted by an EPA approved laboratory and the results will be forwarded to you upon receipt. We believe that this analysis will take a minimum of 30 days. These results will be accumulated and support data will be sent to you.

You advised us that even though we are cited under N.J.A.C. 7:26-2.2(b), you do not require us to have an approved registration statement from your Department for solid waste if we remove the waste in less than 6 months.

You also advised us that therefore N.J.A.C. 7:26-2.2(c) is also not required for engineering design approval.

F-4
ATTACHMENT

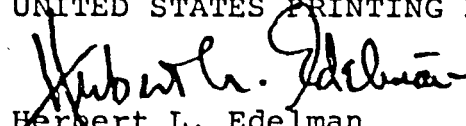
Summary

1. We claim that our solid waste is nonhazardous and this has been supported by our own analysis of this waste done on a regular basis. These analyses are available to you upon your request to support our position.
2. We further claim that prior to your citation, and since your citation, we have acted responsibly in having the solid waste removed from our premises through a manifesting system, given to a registered transporter, and that this waste is used for fuel supplement values.
3. In order to dispose of this material and to have an approved transporter accept this waste for transportation, it was identified as Waste Oil NOS. While we feel that this does not properly identify this non-hazardous waste, it was the only means at our disposal to obtain proper transportation for the removal of this nonhazardous waste.
4. At this writing, we can assure you that all the material that Mr. Iannuzzi inspected during his two inspection reviews is completely removed from site. We further state that this area has been completely cleaned, scraped and is in the process of being regaveled.

In view of our response and the anticipated results of the analysis, we ask for a complete rescinding of your Notice of Prosecution.

Very truly yours,

UNITED STATES PRINTING INK


Herbert L. Edelman
Vice President - Operations

HLE/dwd

c.c.: E. Londres - NJDEP
G. Smajda - NJDEP
R. Baker - USPI, E. Rutherford
R. Schmidt - USPI, E. Rutherford
L. Lepore - USPI, E. Rutherford
G. Danis - Millmaster Chem. Co.

F-5
ATTACHMENT


MEMORANDUM

TO: L. J. Lepore
FROM: N. Kaminskyj
SUBJECT: EP Toxicity test of composite waste ink
DATE: September 29, 1981

R81-58

Samples of three previously tested waste inks were combined and submitted for EP Toxicity test and analysis for the eight metals and total PCB content.

Attached are the results of this test.



Nick Kaminskyj

rsm
att.

G-1
ATTACHMENT

J. Richard Wohler, Ph.D.
Laboratory Director

FREE-COL LABORATORIES
P.O. Box 557, Cotton Road
Meadville, PA 16335
(814) 724-6242

Karen C. Eglinton
Laboratory Manager

To: Mr. Nick Kaminskyj
United States Printing Ink
343 Murray Hill Parkway
East Rutherford, NJ 07073

Date Sample(s) Received: 9/8/81/23

P.O. #1-38433

ANALYTICAL REPORT FORM

<u>Parameter</u>	<u>Waste Ink Sample</u>
Arsenic mg/L	<0.02
Barium mg/L	4.47
Cadmium mg/L	<0.01
Chromium mg/L	0.07
Lead mg/L	<0.10
Mercury mg/L	<0.0001
Selenium mg/L	<0.02
Silver mg/L	0.01
P.C.B. as Arochlor 1254, 1242, 1260 µg/g	<1

The leachate was prepared in accordance with the EP Toxicity Test Method described in the May 19, 1980, Federal Register.

The Method of Standard Addition was not used to obtain these results.

The PCB was run on the ink itself.

9/24/81

/dc

A.I.H.A. Accreditation No. 98
HEW / CLIA Lic. No. 37-1129

Robert V. Taglieri
ADMINISTRATIVE ASSISTANT

ATTACHMENT
PA. Department of Health
Clinical Laboratory Permit No. 561
EPA Facility No. 38-073

DOM 912

NEW JERSEY STATE DEPARTMENT OF ENVIRONMENTAL PROTECTION

MEMO

TO George Smajda
 FROM Tim McGuinness DATE December 10, 1981
 SUBJECT U.S. Printing Ink

The information presented by U.S. Printing Ink show the material to have a petroleum distillate as its carrier. Further, the material has some heavy metal characteristics. As represented in the information, the waste would be considered hazardous based on the mineral oil carrier.

Tim McGuinness
Tim McGuinness

H-1
ATTACHMENT

02-18

12-16-81

MEMONEW JERSEY STATE DEPARTMENT OF ENVIRONMENTAL PROTECTION

TO John Skoviak
FROM George Smajda DATE 12/16/81
SUBJECT US Printing Ink HW/EF 02-18

Enclosed please find a classification of the wastes of US Printing Ink. This analysis is based upon analytical data provided by the company in their response to the NOP issued April 23, 1981. This response was provided on October 5, 1981.

Please contact me when you are ready to respond.

George Smajda
George Smajda

Enclosure

H-2
ATTACHMENT



United States Printing Ink

343 Murray Hill Parkway, E. Rutherford, N.J. 07073 • 201 933-7100 • N.Y. LO 3-1221

October 5, 1981

CONFIDENTIAL

NEW YORK
SAN FRANCISCO
LOS ANGELES
CINCINNATI
JACKSONVILLE
DALLAS

Mr. John H. Skoviak, Enforcement Manager
State of New Jersey
Department of Environmental Protection
Division of Environmental Quality
John Fitch Plaza, CN 027
Trenton, New Jersey 08625

Reference: N.J.A.C. 7:26-2.2(b) & 7:26-2.2(c)
Order and Notice of Prosecution Dated 4/23/81

Dear Mr. Skoviak:

As we agreed at the meeting held in your office on August 25, 1981, and subsequent conversation with Mr. George Smajda, as well as my letter to you of September 9, 1981, this letter will cover the analysis portion of your requests.

Mr. George Smajda requested that certain analytical procedures be carried out and reported to your office. We are pleased to submit the data requested:

1. Complete EP Toxicity Testing for All 8 Metals on a Composite Sample of Our Black Waste.

The purpose of this test was to support our position that Black Waste Ink NOS is nonhazardous as we claim. *- Waste Ink is a composite of several different black inks.*

Please find attached the report from Free-Col Laboratories indicating their analysis using the standard EP toxicity test methods. We not only tested for the 8 metals requested, but we added a test for Polychlorinated Biphenals (PCB) as well. *not just black ink.*

The analysis shows that on our representative composite sample, this material would not be considered EP toxic and is therefore nonhazardous per 40 CFR, Part 261, "Identification and Listing of Hazardous Waste".

The results on the PCB analysis confirm that this material is not contaminated and agrees with prior test results reported to us.

H-3
ATTACHMENT

October 5, 1981

Page 2

To: Mr. J.H. Skoviak, Enforcement Manager

2. Identification of Our Solvent Carrier:

The solvent carrier is --

- a. CAS #64741-50-0 - Light Paraffinic Distillate (Petroleum)
and
- b. CAS #64741-53-3 - Heavy Naphthenic Distillate (Petroleum)

The specific commercial names for the items are:

- a. Mineral Seal Oil (Magie 535 Oil), and
- b. Mineral Oil (2440 Ink Oil)

We are attaching MSDS sheets covering these two (2) oils to indicate their nonhazardous nature to you.

I am sure that one of your criteria is whether or not this waste is Ignitable. You will please note that Mineral Seal Oil has a flash point of 285° F and that Mineral Oil has a flash point of 365° F. Therefore, both these Oils would not be considered Ignitable.

3. Identification of Pigments Used:

The major pigment used in black ink manufacturing is Carbon Black, identified as

C.I. Pigment Black #7
Color Index #77266

A Material Safety Data Sheet for this Carbon Black is attached.

The Cabot Corporation, our major supplier on this Black, has developed a series of Health Studies on Carbon Black through their Industrial Hygiene Department. These environmental studies were conducted on animals and humans and have been fully documented in medical journals over a period of 25 years. Small animal testing on Carbon Black, using FDA protocol, shows no significant physiological change when Carbon Black is inhaled, ingested, applied to the skin or subcutaneously injected.

ATTACHMENT
H-4

October 5, 1981

Page 3

To: Mr. J.H. Skoviak, Enforcement Manager

Morbidity and mortality studies on workers in the Carbon Black industry show that these workers have rates as low as workers in other industries as reported in epidemiological studies of data collected from as early as 1939. All Cabot Corporation studies provide strong evidence that Carbon Black as produced offers no danger to the health of the people who come in contact with it for even extended periods of time.

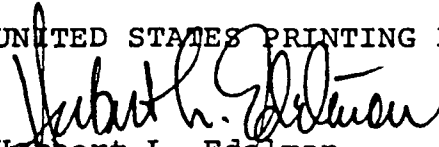
SUMMARY:

1. We claim that our solid waste, supported by the above analytical data, is nonhazardous.
2. We again request that the Notice of Prosecution be completely and totally rescinded.

United States Printing Ink Company thanks you for the courtesies which you have extended to us and we look forward to receiving the total cancellation of our Notice of Prosecution.

Very truly yours,

UNITED STATES PRINTING INK


Herbert L. Edelman

Vice President - Operations

HLE/dwd
Attachments

c.c.: E. Londres - NJDEP
G. Smajda - NJDEP
R. Baker - USPI, E. Rutherford
R. Schmidt - USPI, E. Rutherford
L. Lepore - USPI, E. Rutherford
G. Danis - Millmaster Chem. Co.

H-5

ATTACHMENT

MEMO

NEW JERSEY STATE DEPARTMENT OF ENVIRONMENTAL PROTECTION

7-13-82

TO RCRA file thru Wayne Howitz *WH*
FROM Al Iannuzzi Jr. Environmental Specialist DATE 7/13/82
SUBJECT 7/13/82 RCRA inspection of US Printing Ink, Murray Hill Parkway,
E. Rutherford - recommendations.

During this inspection, Mr. Edleman, USPI Vice President, stated that if USPI could get a hauler to remove their waste ink without a manifest, they would do so. They only manifest their waste ink because transporters will not remove it without a manifest.

It is recommended that USPI be ordered to sample and clean up this spillage by the DEP since we are already involved with this case. USPI doesn't believe that we are going to do anything about this. This case has been dragging for one year without action by USPI. The spillage on site has never been cleaned and has to be contaminating the groundwater in the area (Meadowlands).

Several manifest discrepancies were noted including no TSD facility name. DEP should issue a NOP for this violation.

cc: Jonathan Berg
George Smajda
Steve Carfora
USPI file HW/EF 02-18
John Skoviak

ATTACHMENT I

7-13-82

Name of Facility - US Printing Ink Corp.
RCRA ID# - W00045171943
Date of Inspection - 7-13-82
Type of Inspection: generator
Name of EPA/State Inspector

Transporter

TSD

A. Iannuzzi, DEP

Findings of Inspection:

Spillage on site (not sure if it is haz. waste)

265.15 - inspections

265.16 - no training

265.51 - incomplete contingency plan,

265.110 - no plan

Action(s) Taken:

~~the~~ - state has taken some action prior to this inspection pertaining to spillage. EPA should still follow up spills.

Action(s) Recommended:

Issue violation for paper work and order to sample & clean up spills. Re to DEP budget constraints the ~~the~~ sample taken probably won't be run. I believe that spillage on site is probably a haz. waste. Can we order to sample it? If so this should be done.

ATTACHMENT

J-1

RCRA GENERATOR INSPECTION FORM

COMPANY NAME:

US Printing Ink Corp.

EPA I.D. NUMBER:

NJD095171948

COMPANY ADDRESS:

393 Murry Hill Parkway

COMPANY CONTACT OR OFFICIAL:

① R.W. Schmidt, ② Ed Caddell ③ H. Edelman, Alphonse Iannuzzi Jr.
④ Bill Hawn.

INSPECTOR'S NAME:

TITLE:

① Regional manager, ② operations manager
④ plant manager. ⑤ vice pres.

BRANCH/ORGANIZATION:

DEP

CHECK IF FACILITY IS ALSO A TSD

FACILITY ☒

DATE OF INSPECTION:

7-13-85

YES

NO

DON'T
REVIEW

(1) Is there reason to believe that the facility has hazardous waste on site? ☒ YES ☐ NO ☐ DON'T REVIEW

a. If yes, what leads you to believe it is hazardous waste?
Check appropriate box:

☒ Company admits that its waste is hazardous during the inspection. *ISPI the only caustic wash & floor sweeping of molibdate*

☒ Company admitted the waste is hazardous in its RCRA notification and/or Part A Permit Application. *orange pigment are haz. wastes*

☐ The waste material is listed in the regulations as a hazardous waste from a nonspecific source (§261.31)

☐ The waste material is listed in the regulations as a hazardous waste from a specific source (§261.32)

☐ The material or product is listed in the regulations as a discarded commercial chemical product (§261.33)

☐ EPA testing has shown characteristics of ignitability, corrosivity, reactivity or extraction procedure toxicity, or has revealed hazardous constituents (please attach analysis report)

☐ Company is unsure but there is reason to believe that waste materials are hazardous. (Explain)

ATTACHMENT

J-2

YES

NO

DON'T
KNOW

- b. Is there reason to believe that there are hazardous wastes on-site which the company claims are merely products or raw materials?

X

Please explain:

Waste ink may be a haz. waste company states that it is not haz. waste, some drums of ink to be worked off may also be haz. wastes.

- c. Identify the hazardous wastes that are on-site, and estimate approximate quantities of each.

2 drums 55 gallon. 1) Cyanide Salts, 2) haz. waste solid.

Possibly - 110 gallons of waste inks.

- d. Describe the activities that result in the generation of hazardous waste.

① R & D lab waste, ② off spec inks, filter sludge (ink), tank truck cleanings, ③ caustic cleaning waste, ④ floor sweepings,

- (2) Is hazardous waste stored on site?

X

- a. What is the longest period that it has been accumulated?

Mr. Hawn stated that about 2 months.

- b. Is the date when drums were placed in storage marked on each drum?

one drum was labeled as accumulated 9-22-81. Mr. Hawn stated that this drum was actually filled last week.

- (3) Has hazardous waste been shipped from this facility since November 19, 1980?

X

- a. If "yes," approximately how many shipments were made?

47

- (4) Approximately how many hazardous waste shipments off site have been made since November 19, 1980?

47

- a. Does it appear from the available information that there is a manifest copy available for each hazardous waste shipment that has been made?

X

- b. If "no" or "don't know," please elaborate.

ATTACHMENT

J-3

YES	NO	DON'T KNOW
-----	----	---------------

c. Does each manifest (or a representative sample) have the following information?

- a manifest document number X — —
- the generator's name, mailing address, telephone number, and EPA identification number X — —
- the name, and EPA identification number of each transporter X — —
- the name, address and EPA identification number of the designated facility and an alternate facility, if any: — X —
① NJ0007876 (6/17/81) no facility.
② NJ0027873 (5/22/81) no facility
- a description of the wastes (DOT) — X —
① NJ0007876 (12/28/81)
- the total quantity of each hazardous waste by units of weight or volume, and the type and number of containers as loaded into or onto the transport vehicle — X —
① NJ0007876 (6/17/81) no containers. ② NJ0027873 (5/22/81) no containers
- a certification that the materials are properly classified, described, packaged, marked, and labeled, and are in proper condition for transportation under regulations of the Department of Transportation and the EPA X — —

(5) Were there any hazardous wastes stored on site at the time of the inspection? *Mr. Caddell stated that there is no* X — —

a. If "yes," do they appear properly packaged (if in containers) or, if in tanks, are the tanks secure? — — X

HAZ. WASTE stored on site
spills on site not sure if they are hazardous.

b. If not properly packaged or in secure tanks, please explain.

c. Are containers clearly marked and labelled? X — —

d. Do any containers appear to be leaking? — X —

e. If "yes," approximately how many?

one pair of purple ink had spilled on soil from spillage onto the

ATTACHMENT

7-4

(6) Has the generator submitted an annual report to EPA covering the previous calendar year? X - -

a. How do you know?

Mr. Schmidt stated that report was submitted to NS DEB, I reviewed report.

(7) Has the generator received signed copies (from the TSD facility) of all manifests for wastes shipped off site more than 35 days ago? X - -

a. If "no," have Exception Reports been submitted to EPA covering these shipments? - - -

(8) General comments.

US Printing Ink is a manufacturer of printing inks, mainly for ^{the} newspaper industry. These inks are made out of petroleum oil, Varnish, carbon black, wetting agents, and pigments. The main ink produced is black ink (approx. 75% of total inks made). Mr. Edelman stated that the only ink containing heavy metals is the molybdate orange pigment bearing inks. These metals include 0005, 0008, and 0007.

USPI claims that its only hazardous wastes are caustic cleaning solution and floor sweepings of molybdate orange pigment. USPI claims that its ink waste is non-hazardous. The three sample analyses reviewed (3) listed parameters for 0005, 0008, ~~and~~ 0007 and PCB's (due to PCB possibly being formed in some pigments). Ignitability was not checked for, however, facility personnel state the flash point will be about 300°F.

The effective date for this requirement is March 1, 1991.

ATTACHMENT

J-3

Manifest Check

Manifest check indicated that waste ink, listed as either waste ink, waste oil, or waste ink flammable, was sent to either Oil Recovery Co. Inc. Clayton, NJ, Delaware containers Coatsville, PA, and Nobel Oil Vincentown, NJ since Nov. 19, 1980. Caustic and laboratory waste was sent to Delaware containers. USPI stated that they had cleaned out their R&D lab recently and had shipped alot of this material to De. containers. Mr. Edleman stated that some material cleaned out of the lab was material left by previous operators of this site. He did not know the name of this previous facility. De. containers helped USPI clean out this lab. See manifest check list for discrepancies in manifest completion.

Facility Inspection

The following observations were noted during the facility inspection. ① Oily ^{multicolored} gravel was noted throughout most of the rear facility. Oily gravel was most concentrated next to the cut off waste ^{ink} feed tanks and the domestic garbage roll off/compactor. ② Approx. 150 g metal 55 gallon drums of slow moving products and inks to be worked off and approx. 100 pails (5 gal) of slow moving inks that Mr. Hawn stated will be placed into batches were noted outside in the rear of the facility. ③ Some drums of with flammable labels were noted in the rear of the facility (outside). Mr. Hawn stated that this material is used in all inks the yell (raw material). ④ Two ^{55 gal} drums with hazardous waste labels were noted on site. one had Cyanide salts with an accumulation date of 9-22-81 (similar date in inventory log) and another had haz. waste solid nos with no accumulation date. Mr. Hawn and Mr. Edleman did not know the exact contents of these drums and stated that they probably are from the R&D lab clean out. Mr. Edleman stated that he will be working on the DEF within one week stating the contents of the drums.

ATTACHMENT

(Mr. Edelman stated that these drums were not picked up by the containers when they originally cleaned out their R&D lab. (5) One drum of caustic was noted inside the fenced in waste storage area. Mr. Hawn stated that this drum is being used to clean strainers and will be disposed when spent. (6) Oil and oily soil was noted spilled ^{on the rail road cars and along rail road tracks on site.}
Additional Comments

Mr. Edelman stated that USPI will consider sampling spillage under rail road tracks and near the waste ink storage tank. for submittal to NJ DEP for classification. USPI did not indicate that this spillage will be cleaned up. Mr. Hawn stated that USPI occasionally covers the spillage with gravel. All soil contamination is thus an accumulation of several years of spillage.

Composite Samples / Photos

One ^{composite} sample of both cut off ink filter tanks to the waste ink tank was taken (AI175A).

Sample data sheet is attached to this report.

Four (4) photographs of spillage and poor housekeeping were taken.

ATTACHMENT

J-7



State of New Jersey

DEPARTMENT OF ENVIRONMENTAL PROTECTION

DIVISION OF WASTE MANAGEMENT
32 E. Hanover St., CN 028, Trenton, N.J. 08625

CERTIFIED MAIL
#P258 572 675

JACK STANTON
DIRECTOR

LINO F. PEREIRA
DEPUTY DIRECTOR

August 30, 1983

Robert E. Roller
Engineering and Environmental Affairs Department
Millmaster Onyx Group, Inc.
11 Summit Avenue
Berkeley Heights, New Jersey 07922

Dear Mr. Roller:

This letter is to serve notice that Millmaster Onyx Group, Inc. has established adequate financial assurance for closure, by means of a Trust Agreement, for the following New Jersey Interim Status Facilities:

Lyndal Chemical Company
Division of Millmaster Onyx Group, Inc.
624 Schuyler Avenue
Lyndhurst, New Jersey 07071
EPA ID NO. NJD000314682

Colonial Printing Ink Company
Division of Millmaster Onyx Group, Inc.
180 East Union Avenue
East Rutherford, New Jersey 07073
EPA ID NO. NJD095171930

Onyx Chemical Company
Division of Millmaster Onyx Group, Inc.
190 Warren Street
Jersey City, New Jersey 07302
EPA ID NO. NJD000314676

U. S. Printing Ink Corporation
Subsidiary of Millmaster Onyx Group, Inc.
343 Murray Hill Parkway
East Rutherford, New Jersey 07073
EPA ID NO. NJD095171948

Evidence of financial responsibility for claims arising from the operations of each such facility or group of facilities from sudden and non-sudden accidental occurrences that cause injury to persons or property is provided by a Liability Endorsement, which the amount of coverage for each facility is sufficient. However, according to N.J.A.C. 7;26-9.13(b), each endorsement for the above facilities must be attached to an originally signed duplicate of the insurance policy. Submittal of such shall be provided within thirty (30) days of receipt of this letter.

ATTACHMENT **K**



DATE: 09/01/2011 TIME: 09:04

Manufacturer's Name	MAGIE BROS. OIL COMPANY	
Address	9101 Fullerton Avenue, Franklin Park, Illinois 60131	
Regular Telephone No.	312/455-4500	Emergency Telephone No.
Trade Name	MAGIE 535 OIL	
Synonyms	Petroleum Hydrocarbon Distillate	

Material or Component in Hazardous Concentrations	%	Hazard Data
None		See Health Data Below.

Eye Contact	Eye contact may cause burning and irritation.
Skin Contact	Because of its de-fatting property, skin contact may cause dryness of the skin, irritation or dermatitis may develop on prolonged or repeated exposure.
Inhalation	Excessive inhalation may cause local irritation, drowsiness, collapse, muscle twitching, coma and later pneumonia.
Ingestion	Ingestion may cause local irritation of the mucous membranes of the mouth, throat, esophagus and stomach.
Health Data	Since Magie 535 Oil consists of paraffines and naphthenes with a boiling point over 200° C, no Threshold Limiting Value (TLV) has been established.
Systemic Effects	Not Known.

ATTACHMENT

(Approved by U.S. Department of Labor, "Essentially similar to Form OSHA 20, Material Safety Data Sheet")

IV Emergency & First Aid Procedures

Eye Contact	Flush eyes with large amounts of water. Continue at least 15 minutes. CALL A DOCTOR AS SOON AS POSSIBLE.
Skin Contact	Remove all contaminated clothing. Wash exposed portions of the skin with soap and water. Contaminated clothing must be washed before being reworn.
Inhalation	Remove exposed person to fresh air immediately. If breathing has stopped, apply artificial respiration and oxygen if necessary. CALL A DOCTOR IMMEDIATELY.
Ingestion	If material has been swallowed, do NOT induce vomiting. CALL A DOCTOR IMMEDIATELY.

V Personal Health Protection Information

Eye Protection	Splash-proof safety goggles may be worn. If material could be splashed, a face shield should also be worn.
Skin Protection	Impervious synthetic rubber protective clothing, such as: boots, gloves, aprons, etc., may be worn over parts of the body subject to exposure.
Respiratory Protection	Low concentration, short duration exposure: use half-mask respirator with organic vapor cartridge. High concentration, long exposure: use a supplied air respirator.
Ventilation	Adequate ventilation in accordance with good engineering practice must be provided.
Other	Wash hands and face with soap and water before eating or smoking.

ATTACHMENT

VI Fire Protection Information

Flash Point (Test Method)	285° F ASTM D-93	Autoignition Temperature (°F)	600° F ASTM D-2155
Flammable Limits in Air % By Vol.	Lower	No Data	Upper No Data
Extinguishing Media	Carbon dioxide, dry chemical or foam.		
Special Fire Fighting Procedures			
Unusual Fire and Explosive Conditions	The material will not explode spontaneously. It must be heated in excess of 285° F before there is sufficient concentration of vapors to support combustion.		
Hazardous Combustion Products	Carbon monoxide from incomplete combustion.		

VII Reactivity Data

Stability (thermal, light, etc.)	Stable	X	Con- ditions to Avoid
	Unstable		
Incompatibility (materials to avoid)	Avoid contact with oxidizing agents.		
Hazardous Decomposition Products			
Hazardous Polymerization	Stable		Con- ditions to Avoid
	Unstable		

VIII Environmental Precautions

Steps To Be Taken if Material is Released or Spilled	Large amounts of water should be used to flush the spill. Avoid flushing into confined spaces because of possibility of vapor build-up. Remove all ignition sources and provide adequate ventilation.
Waste Disposal Method	<p>Disposal methods must conform to local, state and federal regulations.</p> <p>Small quantities may be absorbed on sand or on appropriate oil absorbing material, and disposed in an approved sanitary landfill.</p> <p>Large quantities may be disposed of by incineration in a suitable combustion chamber.</p>

ATTACHMENT

IX Special Precautions

Handling and Storage Requirements	MAGIE 535 OIL should be stored in closed containers in a cool, well ventilated area. All sources of ignition must be controlled. Fire extinguishers must be kept readily available and all personnel trained in how to use them.
Precautionary Statements	

X Physical Properties

Boiling Point (°F)	510° F – 600° F	Melting Point (°F)		Solubility Insoluble in water.
Vapor Pressure (mm Hg & temp)	.1 @ 150° F 8.0 @ 300° F 61.0 @ 400° F	Specific Gravity (H ₂ O = 1)	0.8368	Appearance, Color, Odor, etc. Clear Liquid. Hydrocarbon odor.
Molecular Weight	240	Percent Volatile by Volume (%)	100	Other
Vapor Density (air = 1)	No Data	Evaporation Rate (= 1)	Dependent Upon Temperature	

Approved By: W. A. Magie

Date October, 1977

The above information is based on data available to us and is believed to be correct. However, NO WARRANTY of MERCHANTABILITY, FITNESS for any use or any other warranty is expressed or to be implied regarding the accuracy of these data, the results to be obtained from the use thereof, the hazards connected with the use of the material, or that any such use will not infringe any patent. Since the information contained herein may be applied under conditions beyond our control and with which we may be unfamiliar, we do not assume any responsibility for the results of its use. This information is furnished upon the condition that the person receiving it shall make his own determination of the suitability of the material for his particular purpose.

Required under USDL Safety and Health Regulations for Ship Repairing, Shipbuilding, and Shipbreaking (29 CFR 1917).

ATTACHMENT

L-4

U.S. DEPARTMENT OF LABOR
Occupational Safety and Health Administration

Form Approved
OMB No. 44-R1387

MATERIAL SAFETY DATA SHEET

Required under USDL Safety and Health Regulations for Ship Repairing,
Shipbuilding, and Shipbreaking (29 CFR 1915, 1916, 1917)

SECTION I

MANUFACTURER'S NAME San Joaquin Refining Co.		EMERGENCY TELEPHONE NO. 805 - 327-4257
ADDRESS (Number, Street, City, State, and ZIP Code) 3542 Shell, Bakersfield, Calif. 93303		
CHEMICAL NAME AND SYNONYMS Petroleum Hydrocarbon		TRADE NAME AND SYNONYMS Ink Oil 2440
CHEMICAL FAMILY	FORMULA	

SECTION II - HAZARDOUS INGREDIENTS

PAINTS, PRESERVATIVES, & SOLVENTS	%	TLV (Units)	ALLOYS AND METALLIC COATINGS	%	TLV (Units)
PIGMENTS	NA		BASE METAL	NA	
CATALYST	NA		ALLOYS	NA	
VEHICLE	NA		METALLIC COATINGS	NA	
SOLVENTS	NA		FILLER METAL PLUS COATING OR CORE FLUX	NA	
ADDITIVES	NA		OTHERS		
OTHERS					

HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS, OR GASES	%	TLV (Units)
Unknown		

SECTION III - PHYSICAL DATA

BOILING POINT (°F.)	IBP	590°F	SPECIFIC GRAVITY (H ₂ O=1)	0.95
VAPOR PRESSURE (mm Hg.)		<0.5	PERCENT VOLATILE BY VOLUME (%)	0
VAPOR DENSITY (AIR=1)		10	EVAPORATION RATE (<u>ether</u> = 1)	<1
SOLUBILITY IN WATER		0		
APPEARANCE AND ODOR Greenish with no odor				

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method used)	COC - 365°F	FLAMMABLE LIMITS	Lower	Upper
EXTINGUISHING MEDIA	Foam, water fog, dry chemical, CO ₂			
SPECIAL FIRE FIGHTING PROCEDURES				
Follow standard procedures for fighting oil fires.				
UNUSUAL FIRE AND EXPLOSION HAZARDS				

ATTACHMENT

SECTION V - HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE

Unknown

EFFECTS OF OVEREXPOSURE

Dermatitis may occur after extended exposure.

EMERGENCY AND FIRST AID PROCEDURES

Wash with soap & water, call a physician.

SECTION VI - REACTIVITY DATA

STABILITY

UNSTABLE

CONDITIONS TO AVOID

STABLE

X

INCOMPATIBILITY (Materials to avoid)

Avoid contact with strong oxidizing agents.

HAZARDOUS DECOMPOSITION PRODUCTS

HAZARDOUS

POLYMERIZATION

MAY OCCUR

WILL NOT OCCUR

X

CONDITIONS TO AVOID

SECTION VII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Clean up using absorbent material such as sand or clay. Remove and dispose.

WASTE DISPOSAL METHOD

Observe local and state regulation for disposal or by control burning.

SECTION VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (Specify type)

Avoid spray mist.

VENTILATION

LOCAL EXHAUST

SPECIAL

MECHANICAL (General)

X

OTHER

PROTECTIVE GLOVES

For prolonged exposure - dermatitis may occur.

EYE PROTECTION

OTHER PROTECTIVE EQUIPMENT

SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

Avoid heat or open flame.

OTHER PRECAUTIONS

ATTACHMENT

U.S. DEPARTMENT OF LABOR
Occupational Safety and Health Administration

Form Approved
OMB No. 44-R1387

MATERIAL SAFETY DATA SHEET

Required under USDL Safety and Health Regulations for Ship Repairing,
Shipbuilding, and Shipbreaking (29 CFR 1915, 1916, 1917)

SECTION I

MANUFACTURER'S NAME Cabot Corporation		EMERGENCY TELEPHONE NO. (617) 423-6000
ADDRESS (Number, Street, City, State, and ZIP Code) 125 High Street, Boston, Massachusetts 02110		
CHEMICAL NAME AND SYNONYMS Carbon Black	TRADE NAME AND SYNONYMS ELFTEX® PELLETS 115	
CHEMICAL FAMILY Carbon	FORMULA C ₁₂	

SECTION II - HAZARDOUS INGREDIENTS*

PAINTS, PRESERVATIVES, & SOLVENTS	%	TLV (Units)	ALLOYS AND METALLIC COATINGS	%	TLV (Units)
PIGMENTS			BASE METAL		
CATALYST			ALLOYS		
VEHICLE			METALLIC COATINGS		
SOLVENTS			FILLER METAL PLUS COATING OR CORE FLUX		
ADDITIVES			OTHERS		
OTHERS					
HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS, OR GASES				%	TLV (Units)

SECTION III - PHYSICAL DATA

BOILING POINT (°F.)	*	SPECIFIC GRAVITY (H ₂ O=1)	1.7-1.9
VAPOR PRESSURE (mm Hg.)	*	PERCENT VOLATILE BY VOLUME (%)	*
VAPOR DENSITY (AIR=1)	*	EVAPORATION RATE (_____ =1)	*
SOLUBILITY IN WATER	Insol.		
APPEARANCE AND ODOR Amorphous black solid, no odor.			

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method used)	*	FLAMMABLE LIMITS Ignition in air above 600°F	Lel *	Uel *
EXTINGUISHING MEDIA	Water			
SPECIAL FIRE FIGHTING PROCEDURES	Normal fog or nozzle jet application and/or exclusion of air.			
UNUSUAL FIRE AND EXPLOSION HAZARDS	None and non-explosive			

ATTACHMENT

SECTION V - HEALTH HAZARD DATA	
THRESHOLD LIMIT VALUE	3.5 mg/M ³ (ACGIH)
EFFECTS OF OVEREXPOSURE	Usual discomfort of inhalation in heavy dust conditions.
	No internal effects
EMERGENCY AND FIRST AID PROCEDURES	
None specific. Normal washing with soap and water.	

SECTION VI - REACTIVITY DATA			
STABILITY	UNSTABLE		CONDITIONS TO AVOID
	STABLE	X	
INCOMPATIBILITY (Materials to avoid)			
Inert			
HAZARDOUS DECOMPOSITION PRODUCTS			
Carbon dioxide and carbon monoxide when burning.			
HAZARDOUS POLYMERIZATION	MAY OCCUR		CONDITIONS TO AVOID
	WILL NOT OCCUR	X	

SECTION VII - SPILL OR LEAK PROCEDURES	
STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED	
Can be handled as dry powder - swept or picked up by vacuum cleaner.	
WASTE DISPOSAL METHOD	
Bury or burn	

SECTION VIII - SPECIAL PROTECTION INFORMATION		
RESPIRATORY PROTECTION (Specify type)		
None in normal handling.		
VENTILATION	LOCAL EXHAUST	SPECIAL
	MECHANICAL (General)	OTHER
PROTECTIVE GLOVES	Unnecessary	EYE PROTECTION
		Unnecessary
OTHER PROTECTIVE EQUIPMENT		

SECTION IX - SPECIAL PRECAUTIONS	
PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING	
All closed vessels and confined spaces containing carbon black should be regularly checked for carbon monoxide and all precautions should be taken to ensure that personnel are only permitted to enter and work there if the carbon monoxide content is less than 50 ppm and the oxygen content is above 18% by volume. When entering closed storage tanks, use appropriate respirator or air line to guard against possible exposure to CO, CO ₂ or lack of adequate oxygen supply.	

ATTACHMENT

M-44

MALCOLM
PIRNIE

OFF - SITE RECONNAISSANCE

Date: 3-28-85

Time: 11:30 AM

Site ID No. 254

Location: MURRAY HILL PKWY SITE

Address: 343 MURRAY HILL PKWY

City, State: E. RUTHERFORD N.J.

Zip: 07073

Personnel: CHIEF HELLAR

Title: _____

PAUL KOTLARICH

Conditions: CLOUDY

Temperature: 65°

Signature: Paul Kotlarich

Date: 4-3-85

Witness: Cliff Hellar

Date: 4-3-85

Subject: MURRAY Hill PKWY SITE

Site ID No.

254

Date:

3-28-85

Page No.

We arrived at the site at 11:30. A trailer tank truck was in the ^{loading} dock. Another was parked outside. Drums ~~not~~ were stored next to the railroad siding in the back of the building.

Signature:

C. Hellen

Date: 3-28-85

Witness:

Paul Kottarich

Date: 4-3-85

Subject: MURRAY Hill PRWY SITE Site ID No. 254

Date:

Page No.

ASA: 100Frame: 16To: 21

Frame	Subject	Location of Photog.	Direction
<u>16</u>	<u>South end of site</u>	<u>Murray Hill Pkwy.</u>	<u>NW</u>
<u>17</u>	<u>Front of site</u>	<u>"</u>	<u>NW</u>
<u>18</u>	<u>"</u>	<u>"</u>	<u>N</u>
<u>19</u>	<u>Trailer parking</u>	<u>Whelan Rd.</u>	<u>W</u>
<u>20</u>	<u>Parking lot</u>	<u>"</u>	<u>SW</u>
<u>21</u>	<u>Loading dock & drums</u> <u>in building</u>	<u>"</u>	<u>SW.</u>

Signature:

C. Hellan

Date:

4-2-85

Witness:

Paul Kollarick

Date:

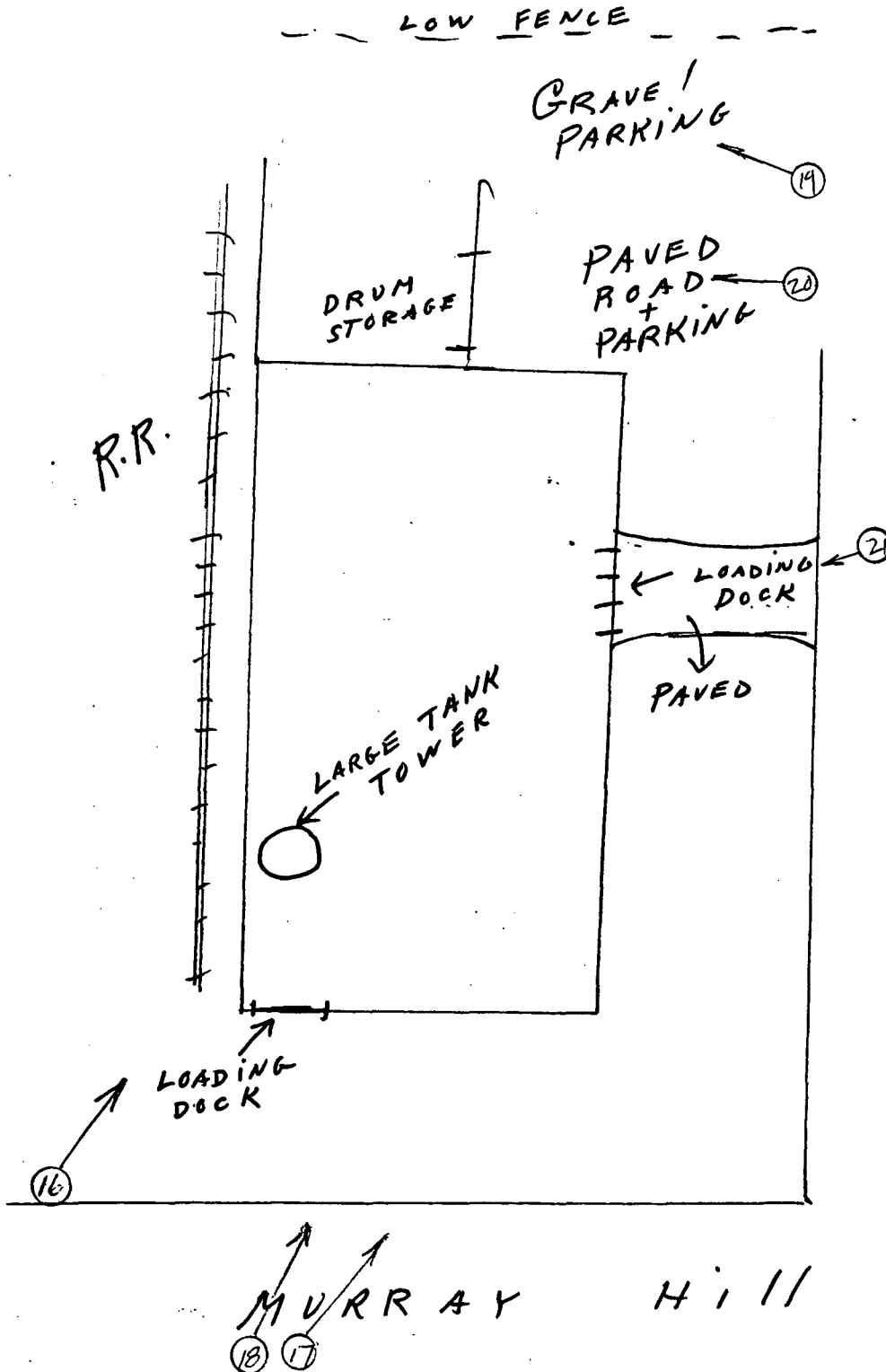
4-3-85

MALCOLM
PIRNIE

MAPS AND SKETCHES

Page: _____
MURRAY HILL
PKWY. SITE

ID No. 254



Signature: Paul Kotlarich

Date: 4-2-85

Witness: C. Heller

Date: 4-2-85

MALCOLM
PIRNIE

SITE NAME: Murray Hill Parkway Site
(United States Printing Ink, USPI)

ID NO: 254

343 MURRAY HILL PKWY.

LOCATION: E. Rother

BL-106C
L-4C

ford
BERGEN CO
07073

FILE	SEARCH DATE	REVIEWER	RCRA 3001 FORM	CERCLA 103C FORM	PRELIMINARY INSP. REPORT	FIELD INSPECTION REPORT	AGENCY INTERNAL REPORTS	RESP. PARTY MEMOS	FORMAL REPORTING CORRESPONDENCE	SITE SKETCHES	ANALYTICAL DATA	SECOND SEARCH DATE	REMARKS	QA CHECK
DWM (Parsippany)	3-19	CH				✓	✓	✓		✓	✓			

CODES:

- ✓ REVIEWED AND COPIED
- X REVIEWED BUT NOT COPIED
- NF NOT FOUND

MALCOLM
PIRNIE

SITE NAME: Murray Hill Pkwy. Site

ID NO: 254

LOCATION: Bergen

FILE	SEARCH DATE	REVIEWER	RCRA 300I FORM	CERCLA 103C FORM	PRELIMINARY INSP. REPORT	FIELD INSPECTION REPORTS	AGENCY INTERNAL REPORTS	RESP. PARTY MEMOS	FORMAL CORRESPONDENCE	SITE SKETCHES	ANALYTICAL DATA	SECOND SEARCH DATE	REMARKS	QA CHECK
HSMA	3/20/85	AK							✓				Only info in "Bergen Cty" file's Master List	

CODES:

- ✓ REVIEWED AND COPIED
- X REVIEWED BUT NOT COPIED
- NF NOT FOUND

SITE: MURRAY Hill PKWY SITE

I.D. 254

DATE: 4-3-85



FRAME: 16 TIME: 11:30 DIRECTION: N.W.

DESCRIPTION: SOUTH END OF SITE - MURRAY Hill PKWY.



FRAME: 17 TIME: 11:30 DIRECTION: N.W.

DESCRIPTION: FRONT END OF SITE MURRAY Hill PKWY.

SITE: MURRAY Hill PKWY SITE

I.D. 254

DATE: 4-3-85



FRAME: 18 TIME: 11:45 DIRECTION: N

DESCRIPTION: FRONT OF SITE MURRAY Hill PKWY



FRAME: 19 TIME: 11:45 DIRECTION: W

DESCRIPTION: TRAILER PARKING WHELAN RD.

Preliminary Assessment Photo Log

SITE: MURRAY HILL PKWY SITE

I.D. 254

DATE: 4-3-85



FRAME: 20 TIME: 12:10 DIRECTION: S.W.
DESCRIPTION: PARKING LOT WHELAN RD.



FRAME: 21 TIME: 12:10 DIRECTION: S.W.
DESCRIPTION: LOADING DOCK + DRUMS IN BLDG.